

Patent Assignment Abstract of Title**Total Assignments: 1****Application #:** 09495122 **Filing Dt:** 02/01/2000**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** NONE**Pub Dt:****Inventor:** Bernd Willer**Title:** Apparatus and method of coupling home network signals between an analog phone line and a digital bus**Assignment: 1****Reel/Frame:** 010541/0275 **Received:**
02/14/2000**Recorded:**
02/01/2000**Mailed:**
04/19/2000**Pages:**
2**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Assignor:** WILLER, BERND**Exec Dt:** 01/25/2000**Assignee:** ADVANCED MICRO DEVICES, INC.ONE AMD PLACE, P.O. BOX 3453
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Search Results as of: 4/5/2004 9:32:40 A.M.

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Web interface last modified: Oct 5, 2002

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|----------------------------------|------------------|
| 1 | 21029 | highpass or high-pass or (high adj pass) or (hpf) | USPAT | 2004/04/05 11:41 |
| 2 | 7053 | four-wire or (four adj wire) | USPAT | 2004/04/05 11:41 |
| 3 | 20460 | two-wire or (two adj wire) | USPAT | 2004/04/05 11:41 |
| 4 | 181 | (highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire)) | USPAT | 2004/04/05 11:39 |
| 5 | 17 | (highpass or high-pass or (high adj pass) or (hpf)) same (four-wire or (four adj wire)) | USPAT | 2004/04/05 11:39 |
| 7 | 12145 | highpass or high-pass or (high adj pass) or (hpf) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 8 | 2505 | four-wire or (four adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 9 | 10528 | two-wire or (two adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 10 | 8 | (highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire)) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 6 | 167 | ((highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire))) and @ay<=1999 | USPAT | 2004/04/05 12:13 |
| 11 | 20 | ((((highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire))) and @ay<=1999) and (isdn or (integrated adj services adj digital adj network))) | USPAT | 2004/04/05 12:14 |
| 12 | 10690 | analog with (telephone or phone) | USPAT | 2004/04/05 13:13 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|----------------------------------|------------------|
| 1 | 21029 | highpass or high-pass or (high adj pass) or (hpf) | USPAT | 2004/04/05 13:32 |
| 2 | 10690 | analog with (telephone or phone) | USPAT | 2004/04/05 13:32 |
| 3 | 43 | (highpass or high-pass or (high adj pass) or (hpf)) same (analog with (telephone or phone)) | USPAT | 2004/04/05 13:58 |
| 4 | 36 | ((highpass or high-pass or (high adj pass) or (hpf)) same (analog with (telephone or phone))) and @ay<=1999 | USPAT | 2004/04/05 13:26 |
| 5 | 2505 | four-wire or (four adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 13:33 |
| 6 | 7053 | four-wire or (four adj wire) | USPAT | 2004/04/05 13:26 |
| 7 | 3 | ((((highpass or high-pass or (high adj pass) or (hpf)) same (analog with (telephone or phone))) and @ay<=1999) and (four-wire or (four adj wire)) | USPAT | 2004/04/05 13:26 |
| 8 | 12145 | highpass or high-pass or (high adj pass) or (hpf) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 13:32 |
| 9 | 5039 | analog with (telephone or phone) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 13:32 |
| 10 | 2 | (four-wire or (four adj wire)) and (highpass or high-pass or (high adj pass) or (hpf)) and (analog with (telephone or phone)) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 13:33 |
| 11 | 15607 | isdn or (integrated adj service adj digital adj network) | USPAT | 2004/04/05 13:58 |
| 12 | 21 | ((highpass or high-pass or (high adj pass) or (hpf)) same (analog with (telephone or phone))) and (isdn or (integrated adj service adj digital adj network)) | USPAT | 2004/04/05 13:58 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|--------------------|------------------|
| 1 | 9116 | four-wire\$1 or 4-wire\$1 or four adj wire\$1 | USPAT; EPO; JPO | 2004/04/05 17:39 |
| 2 | 25497 | two-wire\$1 or 2-wire\$1 or two adj wire\$1 | USPAT; EPO; JPO | 2004/04/05 17:40 |
| 3 | 3337 | (four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1) | USPAT; EPO; JPO | 2004/04/05 17:40 |
| 4 | 21322 | isdn | USPAT; EPO; JPO | 2004/04/05 17:40 |
| 5 | 21322 | isdn same isdn | USPAT; EPO; JPO | 2004/04/05 17:40 |
| 7 | 21049 | high adj pass adj filter or hpf | USPAT; EPO; JPO | 2004/04/05 17:41 |
| 8 | 4 | (isdn same ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1))) and (high adj pass adj filter or hpf) | USPAT; EPO; JPO | 2004/04/05 17:41 |
| 9 | 4 | ("4785448" "4918688" "5841841" "6088368").PN. | USPAT | 2004/04/05 17:43 |
| 6 | 131 | isdn same ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1)) | USPAT; EPO; JPO | 2004/04/05 17:49 |
| 10 | 122 | (isdn same ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1))) and @ay<=1999 | USPAT; EPO; JPO | 2004/04/05 18:18 |
| 11 | 19 | ("4592047" "5305312" "5781728" "5815505" "5889856" "5982785" "6088368" "6128335" "6144659" "6144734" "6148006" "6215855" "6246695" "6272219" "6295343" "6298046" "6317464" "6327264" "6370150").PN. | USPAT | 2004/04/05 17:51 |
| 12 | 3 | ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1)) and (("4592047" "5305312" "5781728" "5815505" "5889856" "5982785" "6088368" "6128335" "6144659" "6144734" "6148006" "6215855" "6246695" "6272219" "6295343" "6298046" "6317464" "6327264" "6370150").PN.) | USPAT; EPO; JPO | 2004/04/05 18:16 |
| 13 | 1 | ((((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1)) and (("4592047" "5305312" "5781728" "5815505" "5889856" "5982785" "6088368" "6128335" "6144659" "6144734" "6148006" "6215855" "6246695" "6272219" "6295343" "6298046" "6317464" "6327264" "6370150").PN.)) and (high adj pass adj filter or hpf) | USPAT; EPO; JPO | 2004/04/05 18:16 |
| 14 | 2 | ((isdn same ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1))) and @ay<=1999) and (high adj pass adj filter or hpf) | USPAT; EPO; JPO | 2004/04/05 18:35 |
| 15 | 1 | 6370150.pn. | USPAT; EPO; JPO | 2004/04/05 19:16 |
| 16 | 8 | ("4592047" "4797904" "4953055" "5142429" "5144544" "5479504" "5526416" "5566166").PN. | USPAT | 2004/04/05 19:17 |
| 18 | 2 | (high adj pass adj filter or hpf) and "5815505" | USPAT; EPO; JPO | 2004/04/05 19:29 |
| 19 | 19 | filter and "5815505" | USPAT; EPO; JPO | 2004/04/05 19:37 |
| 20 | 1 | 6118766.pn. | USPAT; EPO; JPO | 2004/04/05 19:37 |
| 21 | 27 | ("3660609" "3746795" "4730311" "4853949" "5140630" "5247347" "5400322" "5410343" "5420886" "5436895" "5440335" "5448635" "5450486" "5459729" "5528281" "5577115" "5596604" "5598413" "5610922" "5621731" "5627833" "5657381" "5668814" "5682385" "5691718" "5787088" "5815505").PN. | USPAT | 2004/04/05 19:37 |
| 22 | 2 | (high adj pass adj filter or hpf) and (("3660609" "3746795" "4730311" "4853949" "5140630" "5247347" "5400322" "5410343" "5420886" "5436895" "5440335" "5448635" "5450486" "5459729" "5528281" "5577115" "5596604" "5598413" "5610922" "5621731" "5627833" "5657381" "5668814" "5682385" "5691718" "5787088" "5815505").PN.) | USPAT; EPO; JPO | 2004/04/05 19:57 |
| 23 | 27241 | network adj2 terminat\$4 or nt | USPAT; EPO; JPO | 2004/04/05 20:02 |

| | | | | |
|----|------|--|--------------------|------------------|
| 24 | 2282 | (network adj2 terminat\$4 or nt) and isdn | USPAT; EPO; JPO | 2004/04/05 19:58 |
| 25 | 113 | ((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1)) and ((network adj2 terminat\$4 or nt) and isdn) | USPAT; EPO; JPO | 2004/04/05 19:58 |
| 26 | 4 | (high adj pass adj filter or hpf) and (((four-wire\$1 or 4-wire\$1 or four adj wire\$1) same (two-wire\$1 or 2-wire\$1 or two adj wire\$1)) and ((network adj2 terminat\$4 or nt) and isdn)) | USPAT; EPO; JPO | 2004/04/05 19:58 |
| 27 | 295 | (network adj2 terminat\$4) near5 isdn | USPAT; EPO; JPO | 2004/04/05 20:02 |
| 31 | 6 | ((network adj2 terminat\$4) near5 isdn) and (high adj pass adj filter or hpf) | USPAT; EPO; JPO | 2004/04/05 20:28 |
| 32 | 27 | dsl and hpf | USPAT; EPO; JPO | 2004/04/05 20:29 |
| 33 | 10 | (dsl and hpf) and isdn | USPAT; EPO; JPO | 2004/04/05 20:29 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|--------|---|--------------------|------------------|
| 11 | 21359 | isdn | USPAT; EPO; JPO | 2004/04/06 14:18 |
| 12 | 454713 | pots or analog | USPAT; EPO; JPO | 2004/04/06 14:19 |
| 13 | 7782 | isdn and (pots or analog) | USPAT; EPO; JPO | 2004/04/06 14:19 |
| 14 | 165092 | transformer | USPAT; EPO; JPO | 2004/04/06 14:19 |
| 15 | 614 | (isdn and (pots or analog)) and transformer | USPAT; EPO; JPO | 2004/04/06 14:19 |
| 16 | 21068 | hpf or high adj pass adj filter | USPAT; EPO; JPO | 2004/04/06 14:20 |
| 17 | 60 | ((isdn and (pots or analog)) and transformer) and (hpf or high adj pass adj filter) | USPAT; EPO; JPO | 2004/04/06 14:22 |
| 18 | 25518 | two adj wire\$1 or 2-wire\$1 | USPAT; EPO; JPO | 2004/04/06 14:22 |
| 19 | 9119 | four adj wire\$1 or 4-wire\$1 | USPAT; EPO; JPO | 2004/04/06 15:47 |
| 20 | 22 | ((((isdn and (pots or analog)) and transformer) and (hpf or high adj pass adj filter)) and (four adj wire\$1 or 4-wire\$1) | USPAT; EPO; JPO | 2004/04/06 15:47 |
| 21 | 65 | 379.clas. and isdn same conver\$6 same pots | USPAT; EPO; JPO | 2004/04/06 16:26 |
| 22 | 3 | (379.clas. and isdn same conver\$6 same pots) and (hpf or high adj pass adj filter) | USPAT; EPO; JPO | 2004/04/06 15:54 |
| 23 | 9 | ("5111497" "5410343" "5757803" "5781728" "5812786" "6026160" "6118766" "6141330" "6141356").PN. | USPAT | 2004/04/06 16:03 |
| 24 | 3925 | "nt1" or network adj2 terminat\$3 | USPAT; EPO; JPO | 2004/04/06 16:26 |
| 25 | 1252 | isdn and ("nt1" or network adj2 terminat\$3) | USPAT; EPO; JPO | 2004/04/06 16:27 |
| 26 | 2556 | (four adj wire\$1 or 4-wire\$1) near8 (two adj wire\$1 or 2-wire\$1) | USPAT; EPO; JPO | 2004/04/06 16:27 |
| 27 | 79 | (isdn and ("nt1" or network adj2 terminat\$3)) and ((four adj wire\$1 or 4-wire\$1) near8 (two adj wire\$1 or 2-wire\$1)) | USPAT; EPO; JPO | 2004/04/06 16:27 |
| 28 | 35 | transformer and ((isdn and ("nt1" or network adj2 terminat\$3)) and ((four adj wire\$1 or 4-wire\$1) near8 (two adj wire\$1 or 2-wire\$1))) | USPAT; EPO; JPO | 2004/04/06 16:32 |
| 29 | 3 | (hpf or high adj pass adj filter) and (transformer and ((isdn and ("nt1" or network adj2 terminat\$3)) and ((four adj wire\$1 or 4-wire\$1) near8 (two adj wire\$1 or 2-wire\$1)))) | USPAT; EPO; JPO | 2004/04/06 17:02 |
| 31 | 9 | pbx and hpf | USPAT; EPO; JPO | 2004/04/06 17:02 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|---------------------------------|------------------|
| 1 | 5094 | four-wire (4-wire) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 14:54 |
| 2 | 5114 | four-wire\$1 (4-wire\$1) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 14:54 |
| 3 | 10767 | two-wire\$1 (2-wire\$1) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 14:56 |
| 4 | 27411 | hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:06 |
| 5 | 6 | (four-wire\$1 (4-wire\$1)) with (two-wire\$1 (2-wire\$1)) with (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3)) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:13 |
| 6 | 10 | (four-wire\$1 (4-wire\$1)) with (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3)) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:30 |
| 7 | 17 | (four-wire\$1 (4-wire\$1)) same (two-wire\$1 (2-wire\$1)) same (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3)) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:14 |
| 8 | 27 | (four-wire\$1 (4-wire\$1)) same (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3)) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:30 |
| 9 | 10 | ((four-wire\$1 (4-wire\$1)) same (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3))) not ((four-wire\$1 (4-wire\$1)) same (two-wire\$1 (2-wire\$1)) same (hpf\$1 (high adj pass\$2 adj filter\$3) (high-pass\$2 adj filter\$3) (highpass\$2 adj filter\$3))) | USPAT; US-PGPUB; EPO; JPO | 2004/04/05 15:30 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|----------------------------------|------------------|
| 1 | 21029 | highpass or high-pass or (high adj pass) or (hpf) | USPAT | 2004/04/05 11:41 |
| 2 | 7053 | four-wire or (four adj wire) | USPAT | 2004/04/05 11:41 |
| 3 | 20460 | two-wire or (two adj wire) | USPAT | 2004/04/05 11:41 |
| 4 | 181 | (highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire)) | USPAT | 2004/04/05 11:39 |
| 5 | 17 | (highpass or high-pass or (high adj pass) or (hpf)) same (four-wire or (four adj wire)) | USPAT | 2004/04/05 11:39 |
| 7 | 12145 | highpass or high-pass or (high adj pass) or (hpf) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 8 | 2505 | four-wire or (four adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 9 | 10528 | two-wire or (two adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 10 | 8 | (highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire)) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/05 11:41 |
| 6 | 167 | ((highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire))) and @ay<=1999 | USPAT | 2004/04/05 12:13 |
| 11 | 20 | ((((highpass or high-pass or (high adj pass) or (hpf)) and (four-wire or (four adj wire)) and (two-wire or (two adj wire))) and @ay<=1999) and (isdn or (integrated adj services adj digital adj network))) | USPAT | 2004/04/05 12:14 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|----------------------------------|------------------|
| 1 | 21058 | highpass or high-pass or (high adj pass) or (hpf) | USPAT | 2004/04/06 11:26 |
| 2 | 26834 | (analog or pots or conventional) with (telephone or phone) | USPAT | 2004/04/06 11:27 |
| 3 | 137 | (highpass or high-pass or (high adj pass) or (hpf)) same ((analog or pots or conventional) with (telephone or phone)) | USPAT | 2004/04/06 11:18 |
| 4 | 7056 | four-wire or (four adj wire) | USPAT | 2004/04/06 11:27 |
| 5 | 1 | ((highpass or high-pass or (high adj pass) or (hpf)) same ((analog or pots or conventional) with (telephone or phone))) same (four-wire or (four adj wire)) | USPAT | 2004/04/06 11:19 |
| 6 | 23 | ((highpass or high-pass or (high adj pass) or (hpf)) same ((analog or pots or conventional) with (telephone or phone))) and (four-wire or (four adj wire)) | USPAT | 2004/04/06 11:19 |
| 7 | 12145 | highpass or high-pass or (high adj pass) or (hpf) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 11:27 |
| 8 | 8183 | (analog or pots or conventional) with (telephone or phone) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 11:27 |
| 9 | 2505 | four-wire or (four adj wire) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 11:27 |
| 10 | 3 | (highpass or high-pass or (high adj pass) or (hpf)) and ((analog or pots or conventional) with (telephone or phone)) and (four-wire or (four adj wire)) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 11:28 |
| 11 | 50 | (highpass or high-pass or (high adj pass) or (hpf)) and ((analog or pots or conventional) with (telephone or phone)) | EPO; JPO; DERWENT; IBM_TDB | 2004/04/06 11:28 |